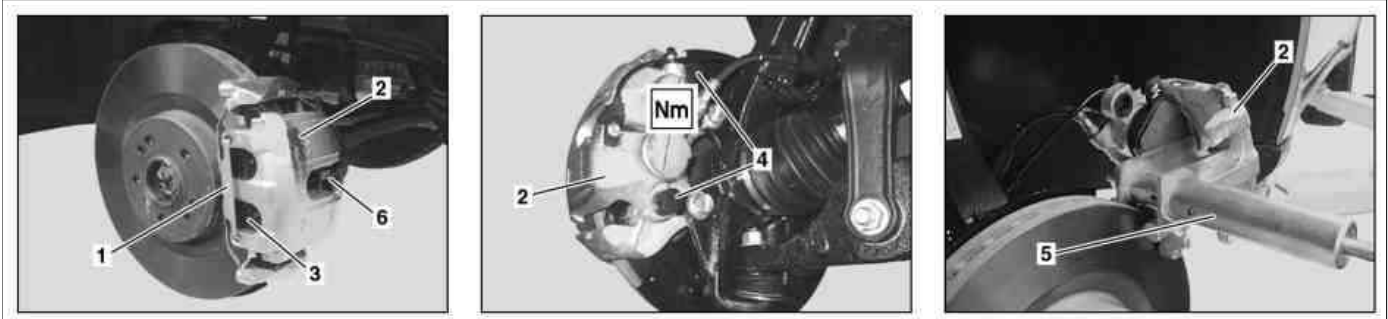


Model 164

## Modification notes

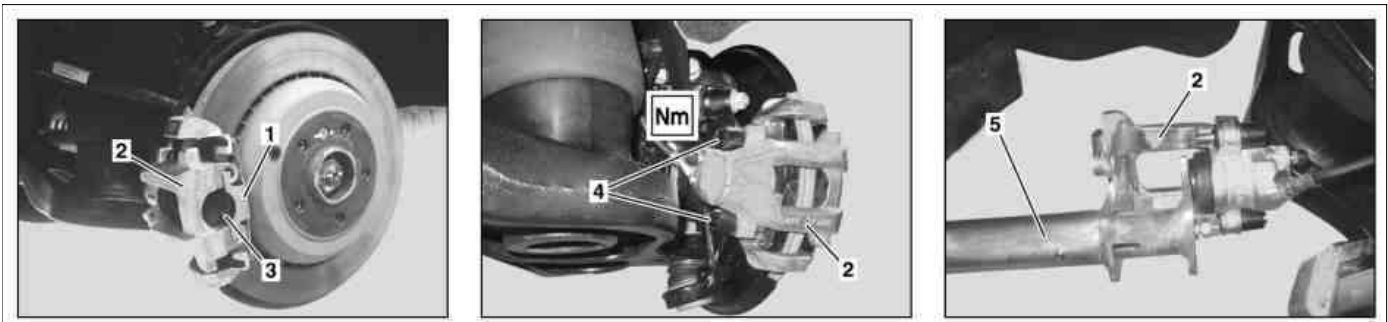
23.09.2008	"Apply brake paste" added	Operation step 15	
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P42.10-2451-07

## Front axle





- 1 Spring steel sheet  
2 Floating caliper  
3 Brake shoe  
4 Protective cap  
5 Pusher tool





















P42.10-2452-07

## Rear axle

- 1 Spring steel sheet  
2 Floating caliper  
3 Brake shoe  
4 Protective cap  
5 Pusher tool

	Remove/install		
 Caution	<b>Risk of poisoning</b> from swallowing brake fluid. <b>Risk of injury</b> from skin and eye contact with brake fluid	Only pour brake fluid into suitable and appropriately marked containers. Wear protective clothing and eye protection when handling brake fluid.	AS42.50-Z-0001-01A
 Warning	<b>Risk of injury</b> . Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
	Brake fluid notes		AH42.50-P-0001-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
1	Reduce fluid level in brake fluid reservoir down to "MIN" marking	 In order to prevent the brake fluid reservoir from overflowing when pressing back the brake pistons.	
2	Remove wheels Remove/install wheels, rotate if necessary		AP40.10-P-4050Z
3	Disconnect electrical connection of brakepad contact sensor		
4	Pry off spring steel sheet (1) and remove		

5	Take off cover (4) and remove screws of guide pin	 <b>Installation:</b> Replace bolts.  Guide pin to brake caliper support  Guide pin to brake caliper support	<a href="#">*BA42.10-P-1002-10L</a> <a href="#">*BA42.10-P-1003-12L</a>
6	Remove floating brake caliper (2) with brakepads (3) Notes on installing brake hoses	 <p>Do not tension or kink brake hose. To relieve the load on the brake hose, secure the floating brake caliper (2) to the vehicle free of tension. Otherwise the brake hose will be damaged.</p>  <b>Installation:</b> Check correct routing of brake hose.	<a href="#">AH42.10-P-9406-01A</a>
7	Remove brakepads (3) from floating brake caliper (2)	 Brakepads (3) are to be disposed of as special waste. The local authorities can provide information regarding whether disposal is also permitted as industrial waste similar to domestic waste.  Only brakepads (3) approved by Mercedes-Benz may be installed as a set.	
	<b>Check</b>		
8  AP  AP	Check brakepad thickness and brake disks Check brake lining thickness Inspect condition of brake disks	 Replace brakepads (3) and brake disks as set only, if necessary.	<a href="#">AP42.10-P-4253A</a> <a href="#">AP42.10-P-4258GZ</a>
9	Remove and check brakepad contact sensor from backing plate of brakepad (3) Notes on installing brake wear indicator contact sensors	 Check for damage, replace contact sensor if necessary.	<a href="#">AH42.10-P-0003-01GZ</a>
10	Check guide pins and boots	 Check guide pins for sluggishness and damage. Check boots for damage and loose seat. Replace damaged parts with new parts.	
11	Check floating brake caliper (2)	<p>If the floating brake caliper (2) is leaky or the dust boot is damaged:</p> <p style="text-align: center;">↓</p> <p>Replace front axle brake caliper.</p> <p>Replace rear axle brake caliper.</p>	<a href="#">AR42.10-P-0070GZ</a> <a href="#">AR42.10-P-0080GZ</a>
12	Press back brake piston using pusher tool (5)	<p>If the brake piston is difficult to move:</p> <p style="text-align: center;">↓</p> <p>Replace front axle brake caliper.</p> <p>Replace rear axle brake caliper.</p>  Resetting device	<a href="#">AR42.10-P-0070GZ</a> <a href="#">AR42.10-P-0080GZ</a> <a href="#">*000589524300</a>
13	Check folds of dust boot	 If the dust boot projects beyond the brake piston, position the dust boot correctly.	
	<b>Clean</b>		
14	Clean contact surfaces of brakepads (3) on floating brake caliper (2) and floating caliper carrier with rag	 <b>Installation:</b> Do not damage the dust boots and boots while doing so. Do not use pointed or sharp-edged tools. Otherwise the floating brake caliper (2) or the floating caliper carrier will be damaged. Assembly cleaner	<a href="#">*BR00.45-Z-1028-04A</a>
15	Apply brake paste	<p>Except model 164.177</p>  <p>Use only the brake paste listed in the linked description and apply this only at the points specified.  Otherwise, complaints may be made about the noise or damage can occur to the brake system!  MB Plastilube brake paste (brownish)</p>	<a href="#">AR42.10-P-0161-01B</a> <a href="#">*BR00.45-Z-1084-06A</a>
16	Install in the reverse order		
	<b>Risk of accident</b> when commissioning the vehicle due to a lack of braking effect when the service brake is operated for the first time after repair work.	Before starting the engine, actuate brake pedal several times until pressure is built up and maintained in the brake system.	<a href="#">AS42.50-Z-0002-01A</a>

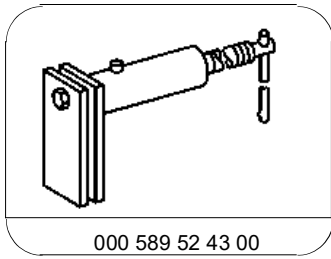
17	Depress brake pedal several times until brakepads (3) rest against brake disks	<b>i</b> Firm resistance should be noticeable at the brake pedal.	
18	Check brake fluid level; correct if necessary Brake system - inspect fluid level		AP42.10-P-4210GZ

**Nm** Front axle brake caliper

Number	Designation		Model 164 (except 164.177)	Model 164.177
BA42.10-P-1002-10L	Guide pin to brake caliper support	Nm	55=41 ft. lbs.	30=22 ft. l;bs.

**Nm** Rear axle brake caliper

Number	Designation		Model 164
BA42.10-P-1003-12L	Guide pin to brake caliper support	Nm	25=18.5 ft. lbs.



Resetting device

Repair materials

Number	Designation	Order number
BR00.45-Z-1028-04A	Assembly cleaner	Adolf Würth GmbH & Co. KG Reinhold-Würth-Str. 12-17 74653 Künzelsau-Gaisbach Germany Tel. +49 7940 15-0 Fax +49 7940 15-1000 <a href="http://www.wuerth.de">http://www.wuerth.de</a>
BR00.45-Z-1084-06A	MB Plastilube brake paste (brownish)	A 002 989 37 51